wherein the ~~biocompatible material~~ wire is distributed substantially equally along the length of ~~the segment of curvature on the inside of the curvature and on the outside of the curvature~~ the prosthesis.

2) (Previously Amended) The prosthesis of claim 1 wherein the segment of curvature is curved in at least one plane with respect to the central axis of the body.

3) (Previously Amended) The prosthesis of claim 1 wherein the segment of curvature is curved in at least two planes with respect to the central axis of the body.

4) (Previously Amended) The prosthesis of claim 1 wherein the hollow tubular body has at least two segments of curvature wherein the segments of curvature are located in successive progression along the body of the prosthesis and the segments are curved within the same plane of curvature.

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5) (Previously Amended) The prosthesis of claim 1 wherein hollow tubular body has at least two segments of curvature wherein the segments of curvature are located in successive progression along the body of the prosthesis and the segments are curved within different planes of curvature.

6) (Previously Amended) The prosthesis of claim 1 wherein the hollow tubular body has at least two segments of curvature wherein the segments of curvature overlap at least a portion of one another and the segments of curvature are curved within different planes of curvature.

7) (Original) The prosthesis of claim 1 comprising both segments of curvature which overlap and segments of curvature which do not overlap.

8) (Original) The prosthesis of claim 1 wherein the prosthesis comprises at least one segment of curvature to approximate an anatomical shape.

9) (Original) The prosthesis of claim 8 wherein the prosthesis approximates the anatomical shape of the anatomical site intended for placement of the prosthesis.

10) (Cancelled)

11) (Currently Amended) The prosthesis of claim ~~10~~ 1 wherein the wire comprises a shape memory alloy.

12) (Currently Amended) The prosthesis of claim ~~10~~ 1 wherein the wire comprises a super elastic alloy.

13) (Currently Amended) The prosthesis of claim ~~10~~ 1 wherein the wire comprises a polymer.

14) (Currently Amended) The prosthesis of claim ~~10~~ 1 wherein the wire is nitinol.

15) (Currently Amended) The prosthesis of claim ~~10~~ 1 wherein the wire is undulating.

16) (Currently Amended) The prosthesis of claim ~~11~~ 1 wherein the wire is uniformly displaced along the length of the body.

17) (Original) The prosthesis of claim 1 wherein the hollow tubular body comprises a thin-walled tube material wherein the center of the thin-walled tube provides the center of the prosthesis.

18) (Original) The prosthesis of claim 1 wherein the prosthesis further comprises at least one taper along the length of the body.

19) (Original) The prosthesis of claim 1 wherein the prosthesis further comprises at least one aperture on the body between the proximal end and the distal end.

20) (Original) The prosthesis of claim 1 wherein the prosthesis further comprises at least one non-circular cross-section along the length of the body.

21) (Original) The prosthesis of claim 1 wherein the prosthesis further comprises at least one branch of the prosthesis that extends away from the body of the prosthesis.

22) (Original) The prosthesis of claim 1 wherein at least a portion of the prosthesis is covered with a graft covering.

23) (Currently Amended) An endoluminal prosthesis comprising:

a proximal end, a distal end and a hollow tubular body comprising a ~~biocompatible material~~ wire;

the hollow tubular body comprising at least one segment of curvature;

the segment of curvature comprising an inside of the curvature and an outside of the curvature;

wherein the ~~biocompatible material~~ wire is distributed substantially equally along the length of ~~the segment of curvature on the inside of the curvature and on the outside of the curvature~~ the prosthesis;

and further wherein the hollow tubular body is geometrically shaped and sized to approximate an anatomical shape.

24) (Original) The prosthesis of claim 23 wherein the prosthesis approximates the anatomical shape of the anatomical site intended for placement of the prosthesis.

25) (Cancelled)

26) (Cancelled)

27) (Currently Amended) The prosthesis of claim ~~26~~ 23 wherein the wire comprises a shape-memory alloy.

28) (Currently Amended) The prosthesis of claim ~~26~~ 23 wherein the wire comprises a super elastic alloy.

29) (Currently Amended) The prosthesis of claim ~~26~~ 23 wherein the wire comprises a polymer.

30) (Currently Amended) The prosthesis of claim ~~26~~ 23 wherein the wire is nitinol.

31) (Currently Amended) The prosthesis of claim ~~26~~ 23 wherein the wire is undulating.

32) (Currently Amended) The prosthesis of claim ~~26~~ 23 wherein the wire is uniformly displaced along the length of the body.

33) (Original) The prosthesis of claim 23 wherein the hollow tubular body comprises a thin-walled tube material wherein the center of the thin-walled tube provides the center of the prosthesis.

34) (Original) The prosthesis of claim 23 wherein the prosthesis further comprises at least one taper along the length of the body.

35) (Original) The prosthesis of claim 23 wherein the prosthesis further comprises at least one aperture on the body between the proximal end and the distal end.

36) (Original) The prosthesis of claim 23 wherein the prosthesis further comprises at least one non-circular cross-section along the length of the body.

37) (Original) The prosthesis of claim 23 wherein the prosthesis further comprises at least one branch of the prosthesis that extends away from the body of the prosthesis.

38) (Cancelled)

39) (Withdrawn) A method for fabricating an endoluminal prosthesis comprising the steps of:

Providing a mandrel having a proximal end, a distal end and a body having a central axis wherein the body comprises at least one segment of curvature, the segment being curved with respect to the axis of the mandrel;

Providing a wire having a body and two ends;

Wrapping the wire in a helical manner around the body of the mandrel and securing the wire tightly around the mandrel;

Heat treating the wire and mandrel to set the wire in the shape of the mandrel

And removing the wire from the mandrel and allowing the wire to assume the set shape of the mandrel.

40) (Withdrawn) A method for fabricating an endoluminal prosthesis comprising the steps of:

Providing a mandrel having a proximal end, a distal end and a body having a central axis wherein the body is geometrically shaped and sized to approximate an anatomical shape;

Providing a wire having a body and two ends;

Wrapping the wire in a helical manner around the body of the mandrel and securing the wire tightly around the mandrel;

Heat treating the wire and mandrel to set the wire in the shape of the mandrel

And removing the wire from the mandrel and allowing the wire to assume the set shape of the mandrel.